



niles non-provisional-US corrected 6-9-04

SEQUENCE LISTING

<110> Niles, Edward

<120> Novel Inhibitors of Poxvirus Replication

<130> 11520.0333

<140> US 10/750,939

<141> 2004-01-02

<150> US/60/437,945

<151> 2003-01-02

<160> 20

<210> 1

<211> 7

<212> RNA

<213> Artificial Sequence

<220>

<221> unsure

<222> 6

<223> pox virus; n is g,a,u or c

<400> 1

uuuuuuu 7

<210> 2

<211> 7

<212> DNA

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<223> nascent pox virus termination signal

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<210> 3

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<223> U5NU-22-mer oligo; n is g,a,u or c

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<210> 4

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<223> mutant- 22-mer oligo

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gggcgaauug ggccggcuuu uuuuuugcgu ugaauu 36

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<223> pGEM-Br-U5NU-36-mer; uracils at 8,9,18-26, 30, 31, 35 and 36 are brominated

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<223> du5NdU oligo; 9-17 is deoxyuracil

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<223> Brdu5Ndu oligo; 19-17 is brominated deoxyuracil

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.gggccggcuu uuuuuuuugcg uu 22

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<212> DNA

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<223> U5NU-13-mer oligo; n is a,g, u or c

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gcuuuuuuuu ugc 13

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 uuuuuuu 7

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 <223> mutant 7-mer

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 uuuuuuau 7

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 <212> DNA
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 <223> DNA-U9-DNA oligo; n is g,a,u or c; 1-8 and 18-22 are DNA

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<210> 18
 <211> 22
 <212> RNA
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 <222> 14
 <223> 2-prime-O-Me-RNA-PT-U9-2-prime-O-Me-PT-RNA oligo; n is g,a,u or c; 1-8 and 18-22 are 2-prime-O methylated; 1-8 and 17-22 have phosphorothioate bonds

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<400> 18
gggccggcuu uuuuuuugcg uu 22

<210> 19

<211> 22

<212> DNA

<213> artificial sequence

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<221> unsure

<222> 14

<223> PT-DNA-U9-PT-DNA oligo; n is g,a,u or c; 1-8 and 18-22
are phosphorthiols; 9-17 are RNA

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<211> 7

<212> RNA

<213> artificial sequence

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<223> u5AU oligo

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uuuuuuu 7